

AMENDMENTS TO THE CLAIMS

Claims 1-13 are pending. Please cancel claims 3, 6, 7, and 13 without prejudice or disclaimer. Please amend claims 1, 5, and 10 as follows. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (currently amended) A scan type display optical system comprising:

an optical scanning device member which rotates to deflect and scan ~~deflects and~~

~~seans~~ light; ~~[[and]]~~

a mechanism which supports and rotates the optical scanning device; and

a projection optical system which has a plurality of optical surfaces including a

reflective surface and projects the light deflected and scanned BY ~~from~~ the optical

scanning device member,

wherein an incidence range of the deflected and scanned light ~~from the optical~~

~~scanning member~~ to a first optical surface on which the deflected and scanned

light is incident initially out of the plurality of optical surfaces is variable by

rotating the optical scanning device through the mechanism.
2. (original) The scan type display optical system according to claim 1, wherein the

position on a projection surface of an image formed by projection light from the

projection optical system is changed by varying the incidence range of the light to the

first optical surface.
3. (canceled)

4. (original) The scan type display optical system according to claim 1, wherein the incidence range of the light to the first optical surface is changed by rotating an optical member constituting the scan type display optical system around an entrance pupil of the projection optical system.
5. (currently amended) ~~The scan type display optical system according to claim 4, wherein the optical member is the optical scanning member~~ A scan type display optical system, comprising:
an optical scanning device which rotates to deflect and scan light;
a mechanism which supports and rotates the optical scanning device; and
a projection optical system which has a plurality of optical surfaces and projects the
light deflected and scanned by the optical scanning device,
wherein the projection range of the deflected and scanned light projected from the
projection optical system is changed by rotating the optical scanning device
through the mechanism.
- 6.-7. (canceled)
8. (original) The scan type display optical system according to claim 1, wherein the projection optical system includes a reflective surface having curvature.
9. (original) The scan type display optical system according to claim 8, wherein the reflective surface has a rotational asymmetric aspheric shape.

10. (currently amended) The scan type display optical system according to claim 1, further comprising, a second optical scanning device,
wherein the optical scanning device member ~~comprises a first mirror which~~ deflects and scans light in a first direction, and the second optical scanning device ~~a second mirror which deflects and scans the~~ deflected and scanned light in a second direction orthogonal to the first direction.
11. (original) A scan type image display apparatus comprising:
the scan type display optical system according to claim 1;
a light source which emits light modulated in accordance with an image signal.
12. (original) A scan type image display apparatus comprising:
the scan type display optical system according to claim 4;
a light source which emits light modulated in accordance with an image signal; and
a controller which sequentially switches the rotational position of the optical member to form an image at a plurality of positions on the projection surface.
13. (canceled)